

VISION

The Syndromic Surveillance system will rapidly detect unusual outbreaks of illness resulting from either naturally occurring or intentional events that pose potential public health threats and emergencies. The system will provide Michigan public health officials with early detection alerts and opportunities for rapid intervention. Michigan health care providers will see the benefits of rapid detection and choose to participate, thus elevating the state's disaster preparedness.



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MICHIGAN SYNDROMIC SURVEILLANCE SYSTEM

INFORMATION FOR
HEALTH CARE
PROVIDERS



WHAT IS SYNDROMIC SURVEILLANCE?

- Uses the Real-time Outbreak Detection System (RODS) developed by the University of Pittsburgh.
- System has been in operation since December 2003 and currently receives 2500 ED registrations per day from over 20 facilities.
- This system is designed to fulfill the Syndromic Surveillance component of the HRSA and CDC cooperative agreements.
- The Syndromic Surveillance system tracks the chief complaints of emergency-care patients in an effort to identify public health threats before confirmed diagnoses are available.
- Detection algorithms run every hour and send email alerts to public health officials when deviations are found.
- State and regional epidemiologists have Web access to charts and maps of the data.
- MDCH epidemiologists can analyze findings, investigate further, and contact local Public Health agencies and provider entities when warranted.

WHY SHOULD I PARTICIPATE?

- **It's easy.** No changes to your ED registration process
- **Improves outcomes.** Help Michigan's health system quickly detect and respond to emergency infectious disease and bioterrorism events
- **Supports JCAHO Accreditation.**
 - JCAHO 2005 Infection Control Standard IC.6.10. Provides evidence of adherence.
 - EC.4.10. Demonstrates that you are addressing emergency management.
 - Standard LD.3.15. Shows that you are developing and implementing plans to identify and mitigate impediments to efficient patient flow throughout your hospital.
 - IM Planning IM.1.10. Exhibits planning for information management processes to meet internal and external information needs.
- **Safe and Secure.** Only State and Regional Epidemiologists can view the data.



HOW DO I PARTICIPATE?

- Submit Signed Data Use Agreement
- You probably already capture the necessary data elements electronically. We need:
 - Patient's DOB, gender, ZIP
 - Visit date and time
 - Chief complaint
- Send the data to the Syndromic System via the Internet in one of the following industry-standard ways:
 - Preferred: HL-7 format via Virtual Private Network (VPN)
 - Alternative: Formatted flat file sent via Secure FTP (or other secure method)
- Provide Point of Contact (POC) for
 - Project Leader
 - Interface Staff Member (message contents)
 - Network Engineer

WHO SHOULD I CONTACT FOR MORE INFORMATION?

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